

In re Application of: Grotendorst and Neff
Application No.: 09/461,646
Filed: December 14, 1999

PATENT
Attorney Docket No.: FIBRO1130-2

I. AMENDMENTS

A. In the Claims

Please cancel claims 1, 2, 4, and 6-14 without prejudice.

Please amend the claims as follows:

5. (Previously Amended) An isolated polynucleotide encoding the polypeptide of claim 15 or a complement thereof.

E
15. (Currently Amended) An isolated polypeptide selected from the group consisting of:

(a) an amino acid sequence *consisting essentially of* ~~comprising~~ SEQ ID NO:4;

(b) an amino acid sequence [comprising] consisting essentially of residue 4 through 74 of SEQ ID NO:4;

E
[(c) an amino acid sequence consisting of residue 75 through 172 of SEQ ID NO:4;

that is at least 15 amino acids long
[(d)](c) a fragment of (b) ~~or~~ (c);

D
[(e)] (d) an amino acid sequence [comprising] consisting essentially of residue 4 through 74 of SEQ ID NO:4 [and a portion of residue 75 through 172 of SEQ ID NO:4]; and

[(f)] (e) an amino acid sequence [comprising residue] consisting essentially of 4 through 172 of SEQ ID NO:4; wherein the polypeptide has mitogenic activity and does not consist of SEQ ID NO:2.

16. (Previously added) An expression vector comprising the polynucleotide of claim 5.

17. (Previously added) A host cell comprising the polynucleotide of claim 5.

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18.

(Currently Amended) A method of producing a polypeptide having mitogenic activity, the method comprising:

- D2*
- E*
- (a) culturing [the] a [polynucleotide] host cell of claim [5] ⁵ ~~17~~ under conditions suitable for formation of the polypeptide; and
- (b) recovering the polypeptide *encoded by said polynucleotide.*

E ¹⁸

D3

(Currently amended; Reinstated formerly claim #3) ^{An isolated} The polypeptide of claim [1] ~~15~~, consisting of the amino acid sequence from residue 75 through 172 of SEQ ID NO:4 [or a fragment thereof].